

**CMS Simulation**

PYTHIA8 CP5 (pp 5.02 TeV)

Soft drop (charged particles)

$z_{\text{cut}} = 0.1, \beta = 0$

Particle level

anti- $k_T$   $R = 0.4$  b jets

$100 < p_T^{\text{jet}} < 120$  GeV,  $|\eta^{\text{jet}}| < 2$

